

1 1. (Twice Amended) A liquid crystal display apparatus comprising:
2 D' a pair of substrates having electrodes and vertical alignment layers;
3 a liquid crystal having a negative anisotropy or dielectric constant and inserted
4 between said pair of substrates;
5 at least one of said substrates having a linearly arranged alignment control
6 structure for liquid crystal domains; and
7 at least one of said substrates having means for forming at least one boundary
8 of alignment of liquid crystal domains on said linearly arranged alignment control structure
9 at a fixed position.

1 Sx. (Amended) A liquid crystal display apparatus as described in claim ³~~35~~,
2 D² characterized in that said constituent unit of said linearly arranged structures have
3 substantially a uniform shape and are divided from each other by a change in shape or
4 cutting.

1 ⁴~~4~~. (Amended) A liquid crystal display apparatus as described in claim ³~~35~~,
2 characterized in that the constituent unites of the linearly arranged structures of one of the
3 substrates and the constituent units of the linearly arranged structures of the other substrate
4 extend in parallel to each other.

1 ^{7/8} (Amended) A liquid crystal display apparatus as described in claim ³~~35~~,
2 characterized in that the constituent units of the linearly arranged structures of one of the
3 substrates and the constituent units of the linearly arranged structures of the other substrate
4 extend in parallel to each other and are shifted from each other.

D2
1 ^{8/8} (Amended) A liquid crystal display apparatus as described in claim ³~~35~~,
2 characterized in that the constituent units of the linearly arranged structures of each substrate
3 have different lengths.

1 ⁶
⁷ (Amended) A liquid crystal display apparatus as described in claim ³~~35~~,
2 characterized in that the constituent units of the linearly arranged structures of each substrate
3 are arranged in spaced relation with each other, and the constituent units of the linearly
4 arranged structures of constituent units of the linearly arranged structures of the other
5 substrate.

D3
1 ¹⁴
2 (Twice Amended) A liquid crystal display apparatus as described in
claim ³~~35~~, comprising:

3 alignment control structures arranged in each of said pair of substrates for
4 controlling alignment of the liquid crystal;

5 wherein the alignment control structures of one substrate are shifted from the
6 alignment control structures of the other substrate, as viewed in the direction normal to said

one substrate, and each of said one substrate and said other substrate has means for forming a boundary of alignment of the liquid crystal molecules at fixed positions with respect to the alignment control structures of the opposed substrate, upon voltage application.

24. (Amended) A liquid crystal display apparatus as described in claim 1, wherein said alignment control structures and means arranged on said substrates comprises a plurality of constituent units, one constituent unit comprising at least a part of said alignment control structure for said LC domains and at least a part of said means for forming a boundary of alignment of the liquid crystal domains.

35. (Amended) A liquid crystal display apparatus as described in claim 1, wherein said at least one of said substrates has at least one of means for forming a boundary of alignment of a first type in which all liquid crystal molecules around a point are directed to said point, and means for forming a boundary of alignment of a second type in which a part of the liquid crystal molecules around a point are directed to said point and the other part of the liquid crystal molecules around said point are directed from said point in the opposite sense to that of said part of the liquid crystal molecules.

4 37. (New) The liquid crystal display apparatus as described in claim 1, wherein said means for forming at least one boundary being located on or near said linearly arranged alignment control structured, as viewed in a direction normal to said substrates.